

Title (en)  
GSK-3 inhibitors and CDK inhibitors as anti-glaucoma agents

Title (de)  
GSK-3- und CDK-Inhibitoren als Antiglaukomamittel

Title (fr)  
Inhibiteurs de GSK-3 et de CDK comme agents antiglaucome

Publication  
**EP 1616568 A3 20060621 (EN)**

Application  
**EP 05109789 A 20030418**

Priority  
• EP 03718502 A 20030418  
• US 37660602 P 20020430

Abstract (en)  
[origin: EP1616568A2] Uses are described for glycogen synthase kinase (GSK-3) inhibitors, or cyclin-dependent kinase (CDK) inhibitors, selected from the group consisting of: SB-216763, alsterpaullone, 9-cyanopaullone, and kenopauillone; GW-8510, purvalanol A, and roscovitine; ##### that inhibit expression, signalling or biological functions of connective tissue growth factor (CTGF), for the manufacture of a medicament for the treatment of glaucoma, and for preventing the visual field loss associated with Primary Open Angle Glaucoma (POAG).

IPC 8 full level  
**A61F 9/007** (2006.01); **A61K 31/404** (2006.01); **A61K 31/00** (2006.01); **A61K 31/426** (2006.01); **A61K 31/427** (2006.01); **A61K 31/428** (2006.01); **A61K 31/429** (2006.01); **A61K 31/454** (2006.01); **A61K 31/52** (2006.01); **A61K 31/55** (2006.01); **A61K 45/00** (2006.01); **A61P 27/02** (2006.01); **A61P 27/06** (2006.01); **C12N 9/99** (2006.01)

CPC (source: EP)  
**A61K 31/00** (2013.01); **A61K 31/202** (2013.01); **A61K 31/404** (2013.01); **A61K 31/426** (2013.01); **A61K 31/427** (2013.01); **A61K 31/428** (2013.01); **A61K 31/429** (2013.01); **A61K 31/4439** (2013.01); **A61K 31/454** (2013.01); **A61K 31/52** (2013.01); **A61K 31/55** (2013.01); **A61P 27/02** (2017.12); **A61P 27/06** (2017.12)

Citation (search report)  
• [Y] WO 0160374 A1 20010823 - CENTRE NAT RECH SCIENT [FR], et al  
• [Y] WO 0170727 A1 20010927 - SANOFI SYNTHELABO [FR], et al  
• [PX] WO 03027275 A1 20030403 - ALCON INC [CH], et al  
• [XA] MAAS J W JR ET AL: "Apoptosis of central and peripheral neurons can be prevented with cyclin-dependent kinase/mitogen-activated protein kinase inhibitors.", JOURNAL OF NEUROCHEMISTRY. APR 1998, vol. 70, no. 4, April 1998 (1998-04-01), pages 1401 - 1410, XP002378532, ISSN: 0022-3042  
• [XA] LEFÈVRE KARINE ET AL: "Involvement of cyclin-dependent kinases in axotomy-induced retinal ganglion cell death.", THE JOURNAL OF COMPARATIVE NEUROLOGY. 20 MAY 2002, vol. 447, no. 1, 1 April 2002 (2002-04-01), pages 72 - 81, XP008063542, ISSN: 0021-9967

Cited by  
US11648261B2; US11338059B2; US11666777B2; US10413552B2; WO2019221959A1; US10881503B2; US11045352B2; US10583221B2; US11565023B2; US10925889B2; US11707518B2

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 1616568 A2 20060118; EP 1616568 A3 20060621**; EP 1925306 A2 20080528; EP 1925306 A3 20080917

DOCDB simple family (application)  
**EP 05109789 A 20030418**; EP 08102297 A 20030418